

1495) 89 miles west of El Salto, Durango, Mexico, on June 6, 1967, and is deposited in the Herbarium Jutlandicum at the University of Aarhus.

*PAEPALANTHUS BRACHYPUS* f. *BREVIPILOSUS* Moldenke, f. nov.

Haec forma a forma typica speciei pilis cauli foliisque multo brevioribus sparsioribusque recedit.

This form differs from the typical form of the species in having the hairs on its stems, leaves, sheaths, and peduncles much shorter and much more sparse, irregularly disposed, often verging on mere puberulence.

The type of the form was collected by Gert Hatschbach (no. 40922) in wet sandy soil among rocky cliffs between Soupa and São João da Chapada, municipality of Diamantina, Minas Gerais, Brazil, on January 25, 1978, and is deposited in my personal herbarium. One of the plants on the holotype sheet has its inflorescence heads only in the bud stage, so it does not seem likely that the pubescence has worn off of the plant due to age.

*VERBENA FILICAULIS* var. *AUSTRALIS* (Moldenke) Moldenke, stat. nov.

*Verbena australis* Moldenke, *Phytologia* 2: 419—420. 1948.

*VERBENA FILICAULIS* var. *PINNATISECTA* (Schau.) Moldenke, stat. nov.

*Verbena pinnatisecta* Schau. in A. DC., *Prodr.* 11: 549. 1847.

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#### ADDITIONAL NOTES ON THE GENUS ACANTHOLIPPIA. V

Harold N. Moldenke

##### *ACANTHOLIPPIA* Griseb.

Additional & amended bibliography: Rojas Acosta, *Cat. Hist. Nat. Corrient.* 205. 1897; Bolkh., Grif, Matvej., & Zakhar., *Chrom. Numb. Flow. Pl.*, imp. 1, 714. 1969; Rouleau, *Gruide Ind. Kew.* 3. 1970; Bolkh., Grif, Matvej., & Zakhar., *Chrom. Numb. Flow. Pl.*, imp. 2, 714. 1974; Rogerson & Becker, *Bull. Torrey Bot. Club* 101: 383 (1974) and 102: 421. 1975; Goebel, *Act. Bot. Venez.* 10: 388 & 389, pl. 3, fig. 1--5. 1975; Hocking, *Excerpt. Bot. A.* 26: 5. 1975; Moldenke, *Phytologia* 31: 298--300. 1975; Folmann-Schrag, *Excerpt. Bot. A.* 26: 502. 1976; Hocking, *Excerpt. Bot. A.* 28: 257. 1976; Moldenke, *Phytologia* 38: 251, 253, 259--261, 263, & 503. 1978.

##### *ACANTHOLIPPIA DESERTICOLA* (R. A. Phil.) Moldenke

Additional bibliography: Goebel, *Act. Bot. Venez.* 10: 388 & 389, pl. 3, fig. 5. 1975; Moldenke, *Phytologia* 31: 298. 1975; Hocking, *Excerpt. Bot. A.* 26: 5 (1975) and A. 28: 257. 1976; Moldenke, *Phytologia* 38: 260, 261, & 263. 1978.

Additional illustrations: Goebel, *Act. Bot. Venez.* 10: pl. 3,

fig. 5. 1975.

Werdermann found Acantholippia deserticola in flower in February. The Werdermann 184, however, also distributed as this species, actually is Aloysia reichii Moldenke.

Additional citations: CHILE: Antofagasta: Werdermann 1024 (Mu). Tarapacá: Zöllner 7798 (Ld). Province undetermined: Troll 3245 [Ocsaya] (Mu).

#### ACANTHOLIPPIA HASTULATA Griseb.

Additional bibliography: Hocking, Excerpt. Bot. A.26: 5. 1975; Moldenke, Phytologia 31: 298—299. 1975.

Recent collectors have encountered this plant at 2650—3640 meters altitude.

Additional citations: ARGENTINA: Jujuy: Cabrera, Ancibor, Ré, Yello, & Torres 15283 (Mu); Cabrera & Fabris 13252 (Mu); Ellenberg 4249 (Ac), 4327 (Z).

#### ACANTHOLIPPIA RIOJANA (Hieron.) Hieron. & Moldenke

Additional bibliography: Goebel, Act. Bot. Venez. 10: 388 & 390, pl. 3, fig. 1—4. 1975; Moldenke, Phytologia 31: 299. 1975.

Additional illustrations: Goebel, Act. Bot. Venez. 10: pl. 3, fig. 1—4. 1975.

#### ACANTHOLIPPIA SERIPHIOIDES (A. Gray) Moldenke

Additional synonymy: Lippia foliodora Phil. ex Rojas Acosta, Cat. Hist. Nat. Corrient. 205. 1897.

Additional & emended bibliography: Rojas Acosta, Cat. Hist. Nat. Corrient. 205. 1897; Bolkh., Grif, Matvej., & Zakhar., Chrom. Numb. Flow. Pl., imp. 1, 714 (1969) and imp. 2, 714. 1974; Moldenke, Phytologia 31: 299 (1975) and 38: 259 & 263. 1978.

Recent collectors have encountered this plant on moving dunes and abundant on "campo moreno muy seco". The corollas are described as having been "white" on Schajovskoy 53

Material of this species has been misidentified and distributed in some herbaria as Lippia sp. and as Verbena ligustrina Lag.

Additional citations: ARGENTINA: Buenos Aires: Cabrera & Fabris 14813 (Mu), 16452 (Mu); Fabris & Schwabe 4920 (Mu, Mu). Mendoza: Cuezzo & Balegno 1992 (Au—120680); Reales 2043 (Au—123267). Neuquén: Ammann 108 (Mu); Schajovskoy 53 (Mu). Río Negro: Schajovskoy 25/VII (Mu); Timmerman B.T.99 (Ld). Santa Cruz: Dusén s.n. [10.12. 1904] (Mu—4243); Roivainen 2294 (Mu).

#### ACANTHOLIPPIA TRIFIDA (C. Gay) Moldenke

Additional bibliography: Moldenke, Phytologia 31: 299—300. 1975; Hocking, Excerpt. Bot. A.28: 257. 1976.